



031904

23026 U.S. PTO

NEW UNITED STATES UTILITY PATENT APPLICATION TRANSMITTAL

Atty. Docket No.: 25436/2382

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

I hereby certify that the paper (and any paper or fee referred to as being enclosed) is being deposited with the United States Postal Service using Express Mail to Addressee Service, under 37 C.F.R. Section 1.10, **Express Mail Label No. EV242756445US** on this date, **March 19, 2004**, postage prepaid, in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

22858 U.S. PTO
10/805650

031904

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed herewith is a new patent application of:

First Named Inventor (or application identifier): Michael Borns

Title of Invention: DNA Polymerase Fusions and Uses Thereof

Type:

- ☒
☐
☐
☐

New.

Continuation of:

Continuation-in-Part of:

Divisional of:

which is hereby incorporated by reference in its entirety into the application filed herewith;

and includes the following papers:

1. ☒ Specification 89 pages (including specification, claims, abstract)/39 claims (11 independent)
2. ☒ Declaration/Power of Attorney is:
☐ Executed ☐ Unexecuted ☐ Executed copy from Parent Application
☒ NOT included, but deferred under 37 C.F.R. § 1.53(f).
3. ☒ 186 Distinct sheets of ☐ Formal ☒ Informal Drawings
4. ☒ Application Data Sheet
5. ☐ Preliminary Amendment.
6. ☐ Information Disclosure Statement
☐ Form 1449 ☐ A copy of each cited prior art reference (as necessary)
7. ☐ Assignment with Recordation Cover Sheet.
8. ☒ Priority is hereby claimed under 35 U.S.C. § 119 based upon the following application(s):

Country	Application Number	Date of Filing (day, month, year)
US	60/457,426	March 25, 2003

9. ☐ Priority is hereby claimed under 35 U.S.C. § 120 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

10. ☐ Priority is hereby claimed under 35 U.S.C. § 121 based upon the following application(s):

Application Number	Date of Filing (day, month, year)

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The above applications from which priority is claimed are hereby incorporated in their entirety into the application filed herewith.

11. ☐ Priority document(s).
12. ☐ Microfiche Computer Program (Appendix).
13. ☐ Nucleotide and/or Amino Acid Sequence Submission.
☐ Computer Readable Copy.
☐ Paper Copy (identical to computer copy).
☐ Statement verifying identity of above copies.
14. ☐ Request for Non-Publication and Certification under 35 USC 122 (b)(2)(B)(i)
15. ☒ Statement of Small Entity Status, Pursuant to 37 C.F.R. §1.27.
16. Calculation of Fees:

FEES FOR	TOTAL CLAIMS	EXCESS CLAIMS	FEE	AMOUNT DUE
Basic Filing Fee (37 C.F.R. § 1.16(a))				\$770.00
Total Claims in Excess of 20 (37 C.F.R. § 1.16(c))	123	103	\$18.00	\$1,854.00
Independent Claims in Excess of 3 (37 C.F.R. § 1.16(b))	11	8	\$86.00	688.00
Multiple Dependent Claims (37 C.F.R. § 1.16(d))	YES		\$290.00	290.00
Subtotal - Filing Fee Due				\$3,602.00
Reduction by 50%, if Small Entity (37 C.F.R. §§ 1.9, 1.27, 1.28)	MULTIPLY BY 0.50			\$1,801.00
TOTAL FILING FEE DUE				\$1,801.00
Assignment Recordation Fee (if applicable) (37 C.F.R. § 1.21(h))	0		\$40.00	
GRAND TOTAL DUE				\$1,801.00

17. PAYMENT is:
☒ The Commissioner is hereby authorized to charge any fees to Deposit Account 16-0085, Ref. 25436/2382.
☐ not included, but deferred under 37 C.F.R. § 1.53(f).

18. All correspondence for the attached application should be directed to:

Kathleen Williams
Customer Number 27495
111 Huntington Avenue
Boston, MA 02199-7613

19. Other: _____

Respectfully submitted,

Date: 3/19/04

By: _____

Name: Kathleen Williams
Registration No.: 34,380

23026 U.S. PTO
031504

Atty. Docket No.: 25436/2382

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Michael Borns
Serial No.: Not Yet Assigned
Filed: March 19, 2004
Entitled: DNA Polymerase Fusions and Uses Thereof

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

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Kathleen Williams

Name of Person Mailing Paper

Signature of Person Mailing Paper

**Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

TRANSMITTAL LETTER

Enclosed for filing in the above-identified patent application, please find the following documents:

1. New Patent Application Transmittal;
2. Patent Application, (89 pages);
3. One Hundred Eighty Six (186) sheets of informal drawings of Figs 1 - 20N;
4. Application Data Sheet; and
5. Return Post Card.

Pursuant to 37 C.F.R. § 1.27, Applicant claims small entity status.

The Commissioner for Patents is hereby authorized to charge any fees to Deposit Account No. 16-0085, Reference 25436/2382. A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: 3/19/04

Name: Kathleen Williams

Registration No.: 34,380

Customer No.: 27495

Palmer & Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100